

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: August 30, 2006

Inspector: Diana Walden

Location: 345kV Underground Route

Storm/

Rain Event: Highly variable amounts of rain were recorded over 8/25- 8/29 with 1.29" in Danbury and up to 8.05" in Bridgeport as reported by NOAA. Local totals may vary.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Most work areas along Rt. 7 have been restored but a few bare areas remain or have not re-vegetated as well as expected. This includes in front of the tennis courts at Wilton High 8/24-8/30/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-8/30/06 - Topsoil, seed and mulch will be needed here.	-Needs attention (near Wilton HS tennis courts)
	-A number of vaults continue to be accessed along portions of the route for internal work (pulling/splicing cable). 8/30/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-8/30/06	-N/A
	- Active work continues at the Rt 7/107 intersection. Catch basins in the area do not have controls and there are adjacent stockpiles and disturbed soil. 8/24-8/30/06	-See erosion control section. 8/16-8/30/06	- Needs attention.
	- Work had returned along Rt 107 in one spot to make repairs. 8/30/06	- None at this time 8/30/06	- N/A
	- Trucks were delivering oil for the project to the tank at Archers Lane. 8/30/06	- None at this time. Good proactive controls were being used. 8/30/06	-Good controls were in place

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment (E&S) Controls	- Grass growth appears to have slowed at the high school J&B and north towards Allen's Meadow due to the weather 7/26-8/30/06	- Continue to monitor as grass is patchy but seems stable for the most part. 7/26-8/30/06	- N/A
Erosion and Sediment (E&S) Controls	- The vault area adjacent to Allen's Meadow was also restored, seeded and mulched. 8/30/06	- Continue to monitor for final stabilization. 8/30/06	- The area was restored
Route 7	- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Vegetative cover continues to slowly increase in the mulched area to the east. 8/24-8/30/06	- Grass growth has slowed somewhat due to the weather. Continue to monitor for stabilization. 8/17-8/30/06	-N/A
	- A large bare soil area remains near the Wilton HS tennis courts. Previous attempts had been made to restore the area but were unsuccessful. 8/30/06	- Loam, seed and mulch this area. Also, evaluate the grading since water is ponding up here. 8/30/06	- Needs attention when feasible.
	- The silt fence near the swale on Old Danbury Rd. was buried in one spot by stone due to recent grading in the area. Areas upgradient remain disturbed. 8/16-8/30/06	-Grade and restore the area as soon as possible to remove the potential for erosion. 7/19-8/24/06 Also consider removing accumulated sediment in the swale. 7/12-8/30/06	-Needs attention when feasible.
	- The vault area at Wilton Corp Park was temporarily restored but access created new tracks in the soil. 8/30/06	-Restore as necessary and monitor for final stabilization. 8/30/06	-Needs attention when feasible
Rt. 107	- Landowner activities near the storage area near #848 (Rt.7) are directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-8/30/06	-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-8/30/06	-N/A
	- Catch basins near the Rt. 107 & 7 intersection do not have filters/ controls in	- Install controls in the catch basins and restore the island when access is	- Needs attention

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Erosion and Sediment (E&S) Controls continued	<p>place. Disturbed soil and stockpiles are present. The area has been disturbed for several months prior to work returning here 7/12-8/30/06</p> <p>- At the Georgetown Deli J&B, vegetative growth continues at all of the restored areas and the boulders are holding up well. 8/30/06</p> <p>- At the Georgetown HDD site (Gilbert & Bennett lot), the slope where the trenching had occurred was graded but did not appear to have been seeded yet. 8/9-8/30/06</p> <p>-A recently restored (loamed and seeded) area along Rt 7, north of the Deli was disturbed by additional utility work and tracking was noted to the street. 8/30/06</p>	<p>complete. 4/6-8/30/06</p> <p>-Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31-8/30/06</p> <p>- Seeding and mulching needs to occur. 8/3-8/30/06 Silt fence is now in place at the base of slope near the parking lot. 8/30/06</p> <p>- Restore the area again or work with the utility company to fix the problem. 8/30/06</p>	<p>-N/A</p> <p>-Silt fence was installed but the area Needs restoration.</p> <p>- Needs attention when feasible</p>
Adjacent Wetlands and Waterways	<p>-Adjacent areas of wetland were restored around the HDD site. Vegetation is slowly returning. 8/30/06</p> <p>-Standing water in the swale here was not turbid following the rains. 8/30/06</p>	<p>-Continue to monitor for vegetative cover and stabilization.. 8/30/06</p> <p>-None at this time. 8/30/06</p>	<p>- N/A</p> <p>-N/A</p>
Staging, Storage, and Parking Areas	<p>- Disturbance in the equipment storage yard on the property south of the Rt. 7 & 107 intersection is mostly due to landowner activities. 3/15-8/30/06</p> <p>-The possible spill in the gravel here was removed and most of the equipment and materials were</p>	<p>- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas.</p> <p>-None at this time.</p>	<p>-N/A at this time</p> <p>- The spill was</p>

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	<p>demobilized and cleaned up. 8/30/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd was being graded and demobilized. 8/30/06</p> <p>- The racquet club storage yard has a pile of sandbags and other equipment stored here. Stormwater had been seen running to the swale on site. 6/7-8/30/06</p>	<p>8/30/06</p> <p>-Restore, seed and mulch when feasible. 8/30/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter run-off. 2/2-8/30/06</p>	<p>cleaned up</p> <p>- Needs attention when feasible</p> <p>- Needs attention</p>
Soils	<p>- Stockpiles were still noted at the Rt. 107/7 intersection and by the excavation on Rt 107. 8/30/06</p> <p>- Topsoil is stockpiled and stabilized at the contractor trailer yard off Rt 7</p>	<p>- Soils appear to be handled appropriately. 8/30/06</p> <p>- Continue to make sure any stockpiles are backfilled to the trench by the end of each day. 2/2-8/30/06</p>	N/A at this time
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The restoration efforts (seeding and mulching) in several locations along Rt 7 including HDD resulted in grass cover but growth is slowing due to the weather 7/26-8/30/06</p> <p>- The slope along the Gilbert & Bennett lot where the HDD occurred still needs to be seeded and mulched. 8/9-8/30/06</p> <p>-Bare soil areas remain near Old Danbury Rd and near the Wilton HS tennis courts. 8/30/06</p>	<p>-Continue restoration: and monitor areas for suitable growth. 8/30/06.</p> <p>Restore areas that recent access have disturbed again as well. 8/30/06</p> <p>- Restore and stabilize the slope. 8/9-8/30/06</p> <p>- See erosion control section. 8/30/06</p>	<p>N/A at this time</p> <p>- Needs attention</p> <p>- Needs attention when feasible.</p>
Dewatering	- No dewater was noted at this time. 8/30/06	-None at this time. 8/30/06	- N/A

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Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	<p>- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 8/30/06</p> <p>- The spill in the gravel at the Rt 107/7 storage area was cleaned up. 8/30/06</p> <p>- Oil was being delivered to the project at Archers Lane. Proactive spill containment was set up under the truck including a lined "bin" and spill pads. 8/30/06</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand.</p> <p>- Report spills immediately, even if they are being controlled.</p>	<p>-N/A</p> <p>- The area was cleaned up.</p> <p>- Good proactive controls were used.</p>
Additional Observations	<p>- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-8/30/06</p> <p>- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-8/30/06</p>	<p>-Continue to monitor and attempt to keep establishment from occurring in new areas.</p> <p>- The contractor will be speaking to the landowner 7/26-8/30/06</p>	<p>- Was being addressed.</p>

Next likely scheduled inspection:

Thursday, September 7, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden



345kV: Photo on the left shows where access was needed at the temporarily restored Wilton Corp Park vault site. Continue to restore permanently when feasible. Photo on the right shows the storage yard across from Old Highway Rd which was recently graded. 8/30/06



Photo on the left shows the swale near Old Danbury Rd. Silt fence remains crushed by adjacent stone. Photo on the right shows some tire tracks in the restored School Rd site. Safety fence is now secure along the entire edge. 8/30/06



Photo on the left shows the wetland area along the east side of the old HDD site. Vegetation is returning in this area. Photo on the right shows the restored channel within the wetland to the east of the site. Standing water here was not turbid following the rains. 8/30/06



Photo on the left shows a large, bare soil area requiring more restoration in front of the Wilton High School tennis courts along Rt 7. Topsoil, seed and mulch will be necessary. Photo on the right shows recent restoration at the vault location near Allen's Meadow park. 8/30/06



Photo on the left shows continuing work at the vault at the Rt 107/7 intersection. Adjacent catch basins still need controls due to the exposed soil and stockpiles. Photo on the right shows a view of the silt fence installed at the Gilbert & Bennett lot. Seed and mulch are still needed here along the slope. 8/30/06



Photo on the left shows where additional utility work north of the Georgetown Deli disturbed an area recently restored by the project. This resulted in run-off and tracking to the street. Photo on the right shows good proactive controls for spill prevention at Archers Lane where oil tanks were being filled for the project. 8/30/06